

8           a computer operably coupled to access the mobile position, raster, and vector  
9 information, configured to provide interrelated position data regarding at least one of the  
10 plurality of mobile units.

*N.E.* 1       22.     The database system of claim 21 coupled to a fleet management system  
2 configured to operate a fleet of the plurality of mobile units.

*N.E.* 1       23.     The database system of claim 21 coupled to a wireless communication  
2 server configured to communicate with the plurality of mobile units.

*N.E.* 1       24.     The database system of claim 23 wherein the wireless communication  
2 server is configured to use a two-way messaging device for communicating to one of the  
3 plurality of mobile units.

*N.E.* 1       25.     The database system of claim 21 coupled to a monitoring system  
2 configured to provide information regarding the database system.

*N.E.* 1       26.     The database system of claim 25 wherein the monitoring system is  
2 configured to perform system maintenance.

*N.E.* 1       27.     The database system of claim 21 coupled to a routing system configured  
2 to select an appropriate route for a selected one of the mobile units.

*N.E.* 1       28.     The database system of claim 27 wherein the routing system utilizes  
2 routes from a list comprising a fixed route, scheduled route, and optimized route.

*N.E.* 1       29.     The database system of claim 27 wherein the selected route includes  
2 street data from the vector information.

*N.E.* 1       30.     The database system of claim 21 coupled to a dispatch management  
2 system configured to manage the computer aided dispatching.

*N.E.* 1       31.     The database system of claim 21 coupled to a dispatch management  
2 system configured to manage the computer aided dispatching.

N.E. 1        32.     The database system of claim 21 further including a display operably  
2 couple to the computer, the display comprising a first and a second display segments, the first  
3 display segment comprising a digitized representation of a raster map retrieved from the raster  
4 information and a plurality of user locatable marks, each of the plurality of user locatable  
5 marks representing of one of the plurality of mobile units at a mobile unit position, the second  
6 display segment comprising vector text data retrieved from the vector information for at least  
7 one of said plurality of mobile units.

N.E. 1        33.     The database system of claim 32 wherein the mobile unit position is for  
2 a predetermined time period.

N.E. 1        34.     The database system of claim 32 wherein each of the user locatable  
2 marks is an icon.

N.E. 1        35.     The database system of claim 32 wherein the first and second display  
2 segments are simultaneously displayed.

N.E. 1        36.     The database system of claim 21 wherein each of the plurality of mobile  
2 units comprises a navigation tracking device, the navigational tracking device including a  
3 microprocessor operably coupled to a global positioning system (GPS) navigational sensor and  
4 a mobile radio modem operably coupled to the microprocessor.

N.E. 1        37.     The database system of claim 21 wherein the position data includes a  
2 first value and a second value, the first value being a latitude position and the second value  
3 being a longitude position.

N.E. 1        38.     The database system of claim 21 wherein the vector information  
2 includes a street name.

N.E. 1        39.     The database system of claim 21 wherein the vector information  
2 includes a block number.

1           40. The database system of claim 21 wherein the vector information  
2 includes a major street cross-section.

1           41. A database system for computer aided dispatching comprising:  
2           mobile position information, including position data about a plurality of mobile  
3           units;  
4           raster information, including digitized data about a first selected segment of  
5           interest;  
6           vector information, including intelligent data about a second selected segment  
7           of interest;  
8           a computer operably coupled to access the mobile position, raster, and vector  
9           information, configured to provide interrelated position data regarding at least one of the  
10          plurality of mobile units;  
11          a fleet management system operably coupled to the mobile position, raster, and  
12          vector information, configured to operate a fleet of the plurality of mobile units; and  
13          a dispatch management system operably coupled to the mobile position, raster,  
14          and vector information, configured to manage the computer aided dispatching.

1           42. The database system of claim 41 coupled to a routing system configured  
2          to select an appropriate route for a selected one of the mobile units.

1           43-45. (Hereby Canceled)

1           2346. (Amended) A database system for computer aided dispatching  
2          comprising:  
3           mobile position information, including position data about a plurality of mobile  
4          units;  
5           vector information, including intelligent data about a selected segment of  
6          interest:

7                   a computer operably coupled to access the mobile position and vector  
8                   information, configured to provide interrelated position data regarding at least one of the  
9                   plurality of mobile units; and

10                  a fleet management system operably coupled to the computer, configured to  
11                  operate a fleet of the plurality of mobile units,

12                  wherein the database system is [The database system of claim 43] coupled to a  
13                  monitoring system configured to provide information regarding the database system.

1                  47.       The database system of claim 46 wherein the monitoring system is  
2                  configured to perform system maintenance.

1                  2548.     (Amended) A database system for computer aided dispatching  
2                  comprising:

3                  mobile position information, including position data about a plurality of mobile  
4                  units;

5                  vector information, including intelligent data about a selected segment of  
6                  interest;

7                  a computer operably coupled to access the mobile position and vector  
8                  information, configured to provide interrelated position data regarding at least one of the  
9                  plurality of mobile units; and

10                 a fleet management system operably coupled to the computer, configured to  
11                 operate a fleet of the plurality of mobile units,

12                 wherein the database system is [The database system of claim 43] coupled to a  
13                 routing system configured to select an appropriate route for a selected one of the mobile units.

1                  49.       The database system of claim 48 wherein the routing system utilizes  
2                  routes from a list comprising a fixed route, scheduled route, and optimized route.

1                  50.       The database system of claim 48 wherein the selected route includes  
2                  street data from the vector information.

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